

Technical datasheet

CeNit[®] EP 630/4 10:3 Y

| Belt Dimension | Specification | Unit | Test Standard | Tolerances |
|-----------------------------|---------------|-------------------|----------------|-------------------|
| Belt width [B1]* | 1.700 | mm | DIN 22102 | ± 5 mm** |
| Total thickness [T1] | 17.0 | mm | DIN EN ISO 583 | ± 1 mm*** |
| Top cover thickness [T2] | 10.0 | mm | DIN EN ISO 583 | +free/-0.2 mm**** |
| Bottom cover thickness [T3] | 3.0 | mm | DIN EN ISO 583 | +free/-0.2 mm**** |
| Belt weight | about 21.3 | kg/m ² | | |

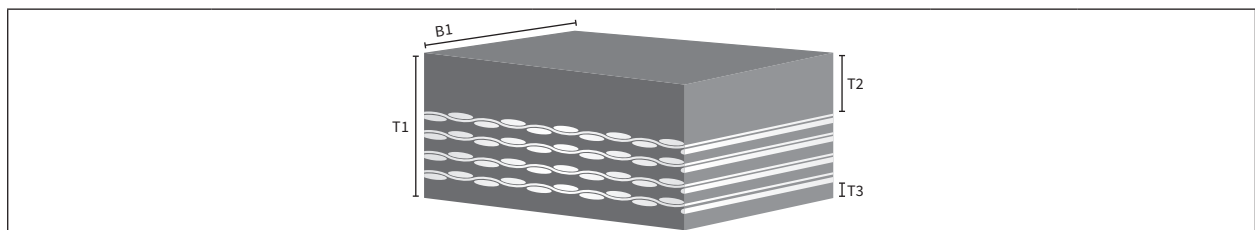
| Belt Test | Specification | Unit | Test Standard | Tolerances |
|---------------------------------------|---------------------------|------|----------------|------------|
| Tensile strength | 630 | N/mm | DIN 22102 | min. |
| Elongation at 10% of tensile strength | 2.5 | % | DIN EN ISO 283 | max. |
| Elongation at break | n.a. | % | DIN 22102 | min. |
| Width of solid edges | 15 respectively cut edges | mm | DIN 22102 | n.a. |

| Cover Rubber Test | Specification | Unit | Test Standard | Tolerances | |
|------------------------------------|--|-------------------|----------------|------------|--|
| Tensile strength ⁽¹⁾ | 20 | N/mm ² | DIN 53504 | min. | |
| Elongation at break ⁽²⁾ | 400 | % | DIN 53504 | min. | |
| Abrasion | 150 | mm ³ | DIN ISO 4649 | max. | |
| Hardness | 60 | °ShA | DIN ISO 7619-1 | ± 5 | |
| After aging: 168 hours at 70 °C | Changes of tensile strength ⁽¹⁾ | ± 25 | % | DIN 22102 | |
| | Changes of elongation ⁽²⁾ | ± 25 | % | DIN 22102 | |
| Electrical surface resistance | 3·10 ⁸ | Ω | DIN EN ISO 284 | max. | |

| Adhesion Test | Specification | Unit | Test Standard | Tolerances |
|--------------------------|---------------|------|----------------|------------|
| Top cover to first ply | 4.5 | N/mm | DIN EN ISO 252 | min. |
| Ply to ply | 5.0 | N/mm | DIN EN ISO 252 | min. |
| Bottom cover to last ply | 4.5 | N/mm | DIN EN ISO 252 | min. |

| Pulley Diameter | Specification | Unit | Test Standard | Tolerances |
|-------------------------|---------------|------|---------------|------------|
| Minimum pulley diameter | 630 | mm | | min. |

| Additional Properties | Legend |
|--|-----------------------|
| <ul style="list-style-type: none"> › The conveyor belt is ozone-resistant. › Appropriated for the operations with ambient temperatures of -40 °C up to +60 °C (material max. +80 °C) › Min. pulley diameter 500 mm. | n.a. = not applicable |



Product-related special properties could be tested in the in-house laboratory (if necessary own separate and DIN deferring test method could be specified).
 *max. belt width: 1600 mm; **up to 500 mm belt width, above 500 mm belt width applies ±5 mm; ***up to 10mm belt thickness, above 10 mm belt thickness ±10% applies, ****up to 4 mm cover thickness, above 4 mm cover thickness ±5% applies

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rubber
conveyor belts